61   HDP/SB/21 based on PTO/SB/21 (08-00)

AP2819

Please type a plus sign (+) inside this box → ⊞
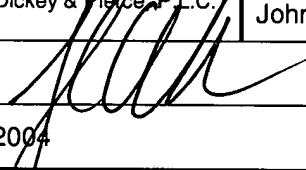
	Application Number	**10/059,270**
TRANSMITTAL FORM	Filing Date	January 31, 2002
	Inventor(s)	Claus E. FURST
(to be used for all correspondence after initial filing)	Group Art Unit	2819
	Examiner Name	P. Wamsley
	Attorney Docket Number	45900-000548/US

OIPE
APR 0 5 2004
PATENT & TRADEMARK OFFICE

ENCLOSURES *(check all that apply)*

☒ Fee Transmittal Form

☒ Fee Attached

☒ Amendment

☒ After Final

☐ Affidavits/declaration(s)

☐ Extension of Time Request

☐ Express Abandonment Request

☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)

☐ Response to Missing Parts/ Incomplete Application

☐ Response to Missing Parts under 37 CFR 1.52 or 1.53

☐ Assignment Papers *(for an Application)*

☒ Letter to the Official Draftsperson and _five (5)_ Sheets of Formal Drawing(s)

☐ Licensing-related Papers

☐ Petition

☐ Petition to Convert to a Provisional Application

☐ Power of Attorney, Revocation Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____

☐ After Allowance Communication to Group

☐ LETTER SUBMITTING APPEAL BRIEF AND APPEAL BRIEF (w/clean version of pending claims)

☐ Appeal Communication to Group *(Notice of Appeal, Brief, Reply Brief)*

☐ Proprietary Information

☐ Status Letter

☐ Other Enclosure(s) *(please identify below)*:

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Harness, Dickey & Pierce, P.L.C.	Attorney Name John A. Castellano	Reg. No. 35,094
Signature			
Date	April 5, 2004		

PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2003

Patent fees are subject to annual revision.

Complete if Known	
Application Number	10/059,270
Filing Date	January 31, 2002
Inventor(s)	Claus Erdmann FURST
Examiner Name	p. Wamsley
Group Art Unit	2819

TOTAL AMOUNT OF PAYMENT | ($) 110.00

Attorney Docket No.	45900-000548/US

(Stamp: OIPE APR 0 5 2004 PATENT & TRADEMARK OFFICE)

METHOD OF PAYMENT (check one)

☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number: 08-0750

Deposit Account Name: Harness, Dickey & Pierce, P.L.C.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filling fee	

SUBTOTAL (1) ($) 0

2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	-20 ** =	X	=
Independent Claims	-3 ** =	X	=
Multiple Dependent		X	=

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($)

** or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	1053	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	110.00
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,330	2453	665	Petition to revive – unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) 110.00

SUBMITTED BY

	Complete (if applicable)	
Name (Print/Type)	John A. Castellano (Registration No. Attorney/Agent) 35,094	Telephone: 703-668-8000
Signature		Date: April 5, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Claus E. FURST   Conf. No.: 5415

Serial No.:   10/059,270   Group Art: 2819

Filed: January 31, 2002   Examiner: P. Wamsley

FOR: SIGMA DELTA MODULATOR HAVING ENLARGED DYNAMIC
               RANGE DUE TO STABILIZED SIGNAL SWING (As Amended)

AMENDMENT AFTER FINAL

BOX AF
Commissioner for Patents   April 1, 2004
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Responsive to the Official Action dated December 5, 2003, the period of response

having been extended one (1) month to April 5, 2004, the following amendments and

remarks are respectfully submitted in connection with the above-referenced application.

Amendments to the Claims begin on page two (2) of this Amendment.